

| Chart 11347 (Side A) | NM 23/02 |
|--------------------------|----------|
| CALCASIEU PASS AND RIVER | |
| | |

| CALCASIEU PASS AND RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB 2002 | | | | | | | | | | | | |
|---|--|---------------------------|----------------------------|-----------------------------|-----------------|-----------------|----------------------------|-------------------------|--|--|--|--|
| TABULATED FRO | TABULATED FROM SURFETO DE THE CORPS OF ENGINEERS - SURFETS TO FED 2002 | | | | | | | | | | | |
| CONTROLLING DEPTHS FROM SEA | WARD IN F | EET AT MI | EAN LOWE | R LOW W | ATER (MLLW) | PROJ | ECT DIME! | NSIONS | | | | |
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | LEFT INSIDE QUARTER | RIGHT INSIDE QUARTER | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) | | | | |
| BAR CHANNEL | 28.0 | 40.0 | 40.0 | 27.0 | 1-02 | 800 | 19.1 | 42 | | | | |
| JETTY CHANNEL TO (29°46'00.0"N, 93°20'40.0"W) THENCE TO A POINT | 31.0 | 44.0 | 47.0 | 48.0 | 6-01 | 400 | 1.4 | 40 | | | | |
| (29°52'00.0"N, 93°20'43.0"W) THENCE TO A POINT | 22.0 | 38.0 | 40.0 | 36.0 | 7-01;9-01;10-01 | 400 | 6.0 | 40 | | | | |
| (29°58'00.0"N, 93°20'10.0"W) THENCE TO A POINT (A) | 35.0 | 40.0 | 41.0 | 36.0 | 1-02 | 400 | 6.0 | 40 | | | | |
| (30°04'00.0"N, 93°19'38.0"W) THENCE TO A POINT (B) | 37.0 | 40.0 | 40.0 | 37.0 | 1-02 | 400 | 6.0 | 40 | | | | |
| (30°09'00.0"N, 93°19'58.0"W) | 34.0 | 38.0 | 39.0 | 33.0 | 7-01;1-02 | 400 | 5.0 | 40 | | | | |
| THENCE TO 210 BRIDGE | 35.0 | 39.0 | 36.0 | 35.0 | 2-02 | 400 | 4.4 | 40 | | | | |
| THENCE TO END OF 400 CHANNEL (30°13'09.0"N, 93°15'08.0"W) | 30.0 | 39.0 | 39.0 | 34.0 | 2-02 | 400 | 2.0 | 40 | | | | |

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11347 (Side B, Inset 1)

NM 23/02

| CALCASIEU PASS AND RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB 2002 | | | | | | | | | | | |
|---|----------------------------|---------------------------|----------------------------|-----------------------------|------------------|-----------------|----------------------------|-------------------------|--|--|--|
| CONTROLLING DEPTHS FROM SEA | WARD IN F | EET AT MI | EAN LOWE | R LOW W | ATER (MLLW) | PROJ | ECT DIMEN | ISIONS | | | |
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | LEFT INSIDE QUARTER | RIGHT INSIDE QUARTER | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) | | | |
| BAR CHANNEL JETTY CHANNEL TO | 28.0 | 40.0 | 40.0 | 27.0 | 1-02 | 800 | 19.1 | 42 | | | |
| (29°46'00.0°N, 93°20'40.0°W) THENCE TO A POINT | 31.0 | 44.0 | 47.0 | 48.0 | 6-01 | 400 | 1.4 | 40 | | | |
| (29°52'00.0"N, 93°20'43.0"W) THENCE TO A POINT | 22.0 | 38.0 | 40.0 | 36.0 | 7-01; 9-01;10-01 | 400 | 6.0 | 40 | | | |
| (29°58'00.0"N, 93°20'10.0"W) THENCE TO A POINT (A) | 35.0 | 40.0 | 41.0 | 36.0 | 1-02 | 400 | 6.0 | 40 | | | |
| (30°04'00.0'N, 93°19'38.0'W) THENCE TO A POINT (B) | 37.0 | 40.0 | 40.0 | 37.0 | 1-02 | 400 | 6.0 | 40 | | | |
| (30°09'00.0"N, 93°19'58.0"W) | 34.0 | 38.0 | 39.0 | 33.0 | 7-01; 1-02 | 400 | 5.0 | 40 | | | |
| THENCE TO 210 BRIDGE THENCE TO END OF 400 CHANNEL | 35.0 | 39.0 | 36.0 | 35.0 | 2-02 | 400 | 4.4 | 40 | | | |
| (30°13'09.0"N, 93"15'08.0"W) | 30.0 | 39.0 | 39.0 | 34.0 | 2-02 | 400 | 2.0 | 40 | | | |

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

| Chart 11372 (Side B) | NM 23/02 |
|----------------------|----------|
|----------------------|----------|

| SHIP IS | SHIP ISLAND PASS AND GULFPORT HARBOR CHANNELS | | | | | | | | | | |
|--|---|------------------------------|-----------------------------|----------------------------------|-------------------------|----------------------------|-------------------------|--|--|--|--|
| TABULATED FROM SURVE | TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2002 | | | | | | | | | | |
| CONTROLLING DEPTHS FROM SEAWARD | CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) PROJECT DIMENSIONS | | | | | | | | | | |
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) | | | | |
| SHIP ISLAND BAR CHANNEL GULFPORT CHANNEL ANCHORAGE BASIN | 33.8 33.8 28.8 | 36.0 34.7 29.2 | 34.7 34.2 31.4 | 4-00 4-00, 8-01, 3-02 2-00 | 300 220 1110-1220 | 10.0 10.6 0.4 | 38 36 32-36 | | | | |
| NOTE - CONSULT THE CORPS OF ENGIN | JEERS FOR | CHANGES | SUBSECU | JENT TO THE ABOV | E INFORMATI | ON | | | | | |

Chart 11373 NM 23/02

SHIP ISLAND PASS AND GULFPORT HARBOR CHANNELS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2002

| TABULATED FROM SURVETS BY THE CORFS OF ENGINEERS - REPORT OF MAR 2002 | | | | | | | | | | | |
|---|----------------------------|------------------------------|-----------------------------|--------------------------|-----------------|----------------------------|-------------------------|--|--|--|--|
| CONTROLLING DEPTHS FROM SEAWARI | IN FEET | at mean i | OWER LO | W WATER (MLLW) | PROJE | ROJECT DIMENSIONS | | | | | |
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) | | | | |
| SHIP ISLAND BAR CHANNEL GULFPORT CHANNEL | 33.8 33.8 | 36.0 34.7 | 34.7 34.2 | 4-00 4-00, 8-01, 3-02 | 300 220 | 10.0 10.6 | 38 36 | | | | |
| ANCHORAGE BASIN | 28.8 | 29.2 | 31.4 | 2-00 | 1110-1220 | | 32-36 | | | | |
| NOTE - CONSULT THE CORPS OF ENGIN | JEERS FOR | CHANGES | SUBSEQ | JENT TO THE ABOV | E INFORMATION | ON | | | | | |

Chart 11373 NM 23/02

| TABULATED FROM SURVEYS E | BY THE CORPS | OF ENGIN | IEERS - REF | PORT OF FEB 2002 AN | ID SURVEYS | TO JAN 2 | 002 |
|------------------------------|----------------------------|------------------------------|-----------------------------|---------------------|-----------------|----------------------------|-------------------------|
| CONTROLLING DEPTHS FROM SEAW | ARD IN FEET | AT MEAN I | LOWER LO | W WATER (MLLW) | PROJ | ECT DIMEN | ISIONS |
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| HORN ISLAND PASS CHANNEL | 40.7 | 40.3 | 33.2 | 8-00 | 450 | 4.4 | 40 |
| PASCAGOULA CHANNEL | 32.3 | 34.2 | 35.7 | 11-01 | 350 | 10.8 | 38 |
| TURNING BASIN | 36.2 | 38.0 | 38.0 | 1-02 | 950 | 0.4 | 38 |
| BAYOU CASOTTE CHANNEL | 32.5 | 34.3 | 32.2 | 2-00, 6-01 | 225 | 3.3 | 38 |
| TURNING BASIN | 38.0 | 38.0 | 36.2 | 6-01 | 1000 | 0.3 | 38 |

Chart 11374 (Side B) NM 23/02

| HORN ISLAND PASS PASCAGOULA HARBOR AND BAYOU CASOTTE CHANNEL DEPTHS | | | | | | | | | | | |
|---|--|---|--|--|--|--|--|--|--|--|--|
| TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB 2002 AND SURVEYS TO JAN 2002 | | | | | | | | | | | |
| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) PROJECT DIMENSIONS | | | | | | | | | | | |
| LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) | | | | | |
| 40.7 | 40.3 | 33.2 | 8-00 | 450 | 4.4 | 40 | | | | | |
| 32.3 | 34.2 | 35.7 | 11-01 | 350 | 10.8 | 38 | | | | | |
| 36.2 | 38.0 | 38.0 | 1-02 | 950 | 0.4 | 38 | | | | | |
| 32.5 | 34.3 | 32.2 | 2-00, 6-01 | 225 | 3.3 | 38 | | | | | |
| 38.0 | 38.0 | 36.2 | 6-01 | 1000 | 0.3 | 38 | | | | | |
| | IN FEET LEFT OUTSIDE QUARTER 40.7 32.3 36.2 32.5 | IN FEET AT MEAN I LEFT MIDDLE OUTSIDE HALF OF QUARTER CHANNEL 40.7 40.3 32.3 34.2 36.2 38.0 32.5 34.3 | THE CORPS OF ENGINEERS - R IN FEET AT MEAN LOWER LO LEFT MIDDLE RIGHT OUTSIDE CHANNEL QUARTER 40.7 40.3 33.2 32.3 34.2 35.7 36.2 38.0 38.0 32.5 34.3 32.2 | THE CORPS OF ENGINEERS - REPORT OF FEB 2002 IN FEET AT MEAN LOWER LOW WATER (MLLW) LEFT MIDDLE RIGHT OUTSIDE HALF OF OUTSIDE QUARTER CHANNEL QUARTER 40.7 40.3 33.2 8-00 32.3 34.2 35.7 11-01 36.2 38.0 38.0 1-02 32.5 34.3 32.2 2-00, 6-01 | THE CORPS OF ENGINEERS - REPORT OF FEB 2002 AND SURVEY | THE CORPS OF ENGINEERS - REPORT OF FEB 2002 AND SURVEYS TO JAN | | | | | |

Chart 11375 NM 23/02
HORN ISLAND PASS PASCAGOULA HARBOR AND BAYOU CASOTTE CHANNEL DEPTHS

| CONTROLLING DEPTHS FROM SEAWARD | IN FEET AT | MEAN LO | WER LOW | WATER (MLLW) | PROJ | ECT DIMEN | ISIONS |
|---------------------------------|----------------------------|------------------------------|-----------------------------|----------------|-----------------|----------------------------|-------------------------|
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| HORN ISLAND PASS CHANNEL | 40.7 | 40.3 | 33.2 | 8-00 | 450 | 4.4 | 40.0 |
| PASCAGOULA CHANNEL | 32.3 | 34.2 | 35.7 | 11-01 | 350 | 10.8 | 38.0 |
| TURNING BASIN | 36.2 | 38.0 | 38.0 | 1-02 | 950 | 0.4 | 38.0 |
| BAYOU CASOTTE CHANNEL | 32.5 | 34.3 | 32.2 | 2-00, 6-01 | 225 | 3.3 | 38.0 |
| TURNING BASIN | 38.0 | 38.0 | 36.2 | 6-01 | 1000 | 0.3 | 38.0 |

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

| Chart 11389 | | | | | | N | M 23/0 |
|--|----------------------------|------------------------------|-----------------------------|-------------------|-----------------|----------------------------|-------------------------|
| PORT ST. | JOE AND P | ANAMA CI | TY HARBO | R CHANNEL DEPTHS | 3 | | |
| TABULATED FROM SURVEY | S BY THE | CORPS OF | ENGINEE | RS - REPORT OF MA | R 2002 | | |
| CONTROLLING DEPTHS FROM SEAWARD | IN FEET | AT MEAN | LOWER LC | W WATER (MLLW) | PROJ | ECT DIME | ISIONS |
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| PORT ST. JOE HARBOR | | | | | | | |
| ENTRANCE CHANNEL | 24.8 | 28.0 | 21.0 | 4-00, 6-01 | 300-500 | 8.0 | 35-37 |
| NORTH CHANNEL | 27.3 | 27.8 | 27.8 | 4-00 | 300 | 4.1 | 35 |
| TURNING BASIN | 25.9 | 26.3 | 27.1 | 4-00 | 650 | 0.3 | 32 |
| HARBOR CHANNEL | 26.2 | 25.5 | 25.7 | 4-00 | 250 | 0.3 | 35 |
| SOUTH CHANNEL | | Α | | | 200 | 1.1 | 27 |
| PANAMA CITY HARBOR | | | | | | | |
| ENTRANCE CHANNEL | 29.2 | 32.0 | 23.8 | 3-02 | 450-300 | 2.1 | 34-32 |
| A. NOT MAINTAINED NOTE - CONSULT THE CORPS OF ENGIN | EERS FOR | CHANGES | SUBSEQU | ENT TO THE ABOV | E INFORMATI | ON | |

| Chart 11390 (Side A) | | | | | | N. | M 23/02 | | | | |
|---|---|------------------------------|-----------------------------|------------------|-----------------|------------------|-----------------|--|--|--|--|
| | PANAMA C | ITY HARBO | OR CHANN | IEL DEPTHS | | | | | | | |
| TABULATED FROM SUR | TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2002 | | | | | | | | | | |
| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) PROJECT DIMENSIONS | | | | | | | | | | | |
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH MILES) | DEPTH (FEET) | | | | |
| PANAMA CITY HARBOR ENTRANCE CHANNEL | 29.2 | 32.0 | 23.8 | 3-02 | 450-300 | 2.1 | 34-32 | | | | |
| NOTE - CONSULT THE CORPS OF ENGIN | NEERS FOR | CHANGES | SUBSEQ | UENT TO THE ABOV | E INFORMATI | ON | | | | | |

| Chart 11391 | | | | | | N. | M 23/02 | | | | |
|---|---|------------------------------|-----------------------------|------------------|-----------------|------------------|-----------------|--|--|--|--|
| | PANAMA C | ITY HARBO | R CHANN | IEL DEPTHS | | | | | | | |
| TABULATED FROM SUR | TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2002 | | | | | | | | | | |
| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MILLW) PROJECT DIMENSIONS | | | | | | | ISIONS | | | | |
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH MILES) | DEPTH (FEET) | | | | |
| PANAMA CITY HARBOR ENTRANCE CHANNEL | 29.2 | 32.0 | 23.8 | 3-02 | 450-300 | 2.1 | 34-32 | | | | |
| NOTE - CONSULT THE CORPS OF ENGIN | NEERS FOR | CHANGES | SUBSEQ | JENT TO THE ABOV | E INFORMAT | ON | | | | | |

| Chart 11537 | | | | | | | N | M 23/ |
|--|----------------------------|---------------------------|----------------------------|-----------------------------|--------------------|-----------------|----------------------------|-------------------------|
| | CAP | E FEAR RI | VER CHAN | NEL DEPI | THS | | | |
| TABULATED FROM | SURVEYS | BY THE C | ORPS OF | ENGINEER | RS - SURVEYS TO MA | AR 2002 | | |
| CONTROLLING DEPTHS FROM SEA | WARD IN F | EET AT MI | EAN LOWE | R LOW W | ATER (MLLW) | PROJ | ECT DIME | NSIONS |
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | LEFT INSIDE QUARTER | RIGHT INSIDE QUARTER | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| BALDHEAD SHOAL | 36.2 | 38.3 | 36.9 | 32.6 | 8,10-01 | 500 | 5.0 | 40 |
| SMITH ISLAND | 31.7 | 34.8 | 41.3 | 42.8 | 11-01 | 500 | 1.0 | 40 |
| BALDHEAD CASWELL CHANNEL | 44.8 | 45.2 | 44.2 | 44.4 | 2-02 | 500 | 0.4 | 40 |
| SOUTHPORT CHANNEL | 43.5 | 45.1 | 44.9 | 44.1 | 1-02 | 500 | 1.0 | 40 |
| BATTERY ISLAND CHANNEL | 45.1 | 44.2 | 44.7 | 44.1 | 2-02 | 500 | 0.5 | 40 |
| LOWER SWASH | 41.5 | 42.5 | 42.5 | 41.4 | 1-02 | 400 | 1.6 | 38 |
| SNOWS MARSH | 42.1 | 41.8 | 40.4 | 40.5 | 9,11-01;1-02 | 400 | 3.1 | 38 |
| HORSESHOE SHOAL | 40.4 | 41.7 | 42.1 | 40.8 | 2-02 | 400 | 1.2 | 38 |
| REAVES POINT | 35.9 | 36.0 | 36.9 | 35.1 | 10-01 | 400 | 1.2 | 38 |
| LOWER MIDNIGHT | 36.3 | 39.4 | 39.0 | 37.8 | 10-01 | 400 | 1.6 | 38 |
| UPPER MIDNIGHT | 37.2 | 38.4 | 38.4 | 35.9 | 2-02 | 400 | 2.7 | 38 |
| LOWER LILLIPUT | 32.0 | 37.7 | 38.0 | 36.3 | 12-01 | 400 | 1.9 | 38 |
| UPPER LILLIPUT | 35.7 | 37.1 | 37.0 | 35.8 | 3-02 | 400 | 1.9 | 38 |
| KEG ISLAND | 37.4 | 38.9 | 37.6 | 34.9 | 1-02 | 400 | 1.4 | 38 |
| BIG ISLAND LOWER | 39.7 | 42.6 | 43.6 | 41.6 | 2-02 | 400 | 8.0 | 38 |
| BIG ISLAND UPPER | 40.3 | 43.4 | 43.4 | 42.4 | 3,11,12-01;1,2-02 | 400 | 0.5 | 38 |
| LOWER BRUNSWICK | 37.5 | 38.2 | 38.1 | 37.6 | 11-01;1-02 | 400 | 1.6 | 38 |
| UPPER BRUNSWICK | 37.5 | 39.0 | 39.5 | 38.3 | 1-02 | 400 | 1.0 | 38 |
| FOURTH EAST JETTY | 36.8 | 38.1 | 38.2 | 36.2 | 12-01 | 400 | 1.2 | 38 |
| BETWEEN CHANNEL | 33.5 | 39.9 | 39.6 | 38.1 | 12-01 | 550 | 0.8 | 38 |
| ANCHORAGE BASIN & APP CHANNEL | 25.7 | 34.2 | 32.5 | 27.2 | 10-01 | 450-1090 | 1.3 | 38 |
| HWY 74-76 TO BATTLESHIP | 30.7 | 32.9 | 36.2 | 29.0 | 12-99 | 400 | 0.6 | 32 |
| BATTLESHIP TO HWY 117 INCLUDING | | | | | | | | |
| TURNING BASIN | 7.2 | 30.0 | 31.6 | 23.4 | 4-01 | 190-850 | - | 32 |
| HWY 117 TO HILTON BR | 27.0 | 28.8 | 31.8 | 30.5 | 4-01 | 200-400 | 0.5 | 32 |
| THENCE TO END OF PROJECT AT | | | | | | | | |
| 34°16'36"N, 77°57'01"W | 23.1 | 23.6A | 23.5B | 21.9C | 6-99 | 200 | 1.2 | 25 |
| TURNING BASIN | 24.6 | 21.0 | 22.2 | 16.1 | 6-99 | 500 | 0.1 | 25 |
| A EXCEPT FOR SHOALING TO 21.4 FEE B. EXCEPT FOR SHOALING TO 16.4 FEE C. EXCEPT FOR SHOALING TO 10.2 FEE NOTE - CONSULT THE CORPS OF ENGIN | FOR THE | LAST 150 LAST 150 | FEET OF | THE PRO | JECT. JECT. | ATION | | |

| | HURON | N HARBOR | CHANNEL | DEPTHS | | | |
|-------------------------------|----------------------------|------------------------------|-----------------------------|-------------------|-----------------|----------------------------|------------------------|
| TABULATED FROM SURVEYS | BY THE CO | RPS OF E | NGINEERS | - SURVEYS AND REP | ORTS TO AU | G 2001 | |
| CONTROLLING DEPTHS FROM SEAWA | PROJ | PROJECT DIMENSIONS | | | | | |
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (STAT. MILES) | DEPTH LWD (FEET) |
| ENTRANCE CHANNEL | 21.1 | 26.3 | 25.6 | 8-01 | 400-300 | 1.70 | 29.0 |
| HURON RANGE | 23.5 | 21.5 | 20.1A | 8-01 | 300-150 | .36 | 28.0 |
| EAST TURNING BASIN | 21.9 | 23.8 | 23.5 | 8-01 | 150-350 | | 27.0 |
| WEST TURNING BASIN | 18.6 | 18.8 | 15.6 | 8-01 | 450 | | 21.0 |

| Chart 18649 | | | | | | | N | M 23/02 |
|--------------------------------|----------------------------|---------------------------|----------------------------|-----------------------------|-------------------|-----------------|----------------------------|-------------------------|
| | | SAN F | RANCISCO | BAY | | | | |
| TABULATED FRO | M SURVEYS | BY THE CO | ORPS OF I | ENGINEER | S - SURVEYS TO DE | C 2001 | | |
| CONTROLLING DEPTHS FROM S | EAWARD IN I | FEET AT M | EAN LOWE | R LOW W | /ATER (MLLW) | PROJ | ECT DIME! | NSIONS |
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | LEFT INSIDE QUARTER | RIGHT INSIDE QUARTER | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| MAIN SHIP CHANNEL: ENTRANCE | 50.0 | 52.7 | 53.3 | 52.8 | 12-01 | 2000 | 3.5 | 55 |
| NOTE - CONSULT THE CORPS OF EN | GINEERS FOR | R CHANGES | SUBSEQ | JENT TO | THE ABOVE INFORM | ATION | | |

Chart 18661 (Side A)

NM 23/02

| SAN J TABULATED FROM SURI | | | | P WATER CHANNEL | O DEC 2001 | | |
|-----------------------------------|----------------------------|------------------------------|-----------------------------|-----------------|-----------------|----------------------------|-------------------------|
| CONTROLLING DEPTHS FROM SEAWARD I | N FEET AT | MEAN LO | WER LOW | WATER (MLLW) | PROJE | ECT DIMEN | SIONS |
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| ANTIOCH TO LIGHT 17 | 32.3 | 33.3 | 32.3 | 4-01 | 400 | 3.3 | 35 |
| LIGHT 17 TO LIGHT 43 | A | Α | Α | | | | |
| LIGHT 43 TO LIGHT 51 | 31.8 | 32.5 | 33.5 | 4-01 | 600 | 1.5 | 35 |
| LIGHT 51 TO LIGHT 2 | A | Α | Α | | | | |
| LIGHT 2 TO LIGHT 6 | 34.8 | 35.9 | 35.9 | 4-01 | 225 | 1.5 | 35 |
| THENCE TO LIGHT 16 | 33.9 | 35.2 | 33.9 | 4-01 | 225-250 | 2.8 | 35 |
| THENCE TO LIGHT 24 | 31.0 | 34.1 | 29.2 | 4,12-01 | 225-250 | 2.1 | 35 |
| THENCE TO LIGHT 34 | 32.5 | 35.4 | 33.6 | 12-01 | 250 | 1.5 | 35 |
| THENCE TO LIGHT 43 | 31.0 | 34.3 | 32.0 | 4,12-01 | 200-250 | 3.4 | 35 |
| THENCE TO LIGHT 48 | 33.9 | 34.9 | 31.4 | 4-01 | 225-250 | 1.1 | 35 |
| THENCE TO TURNING BASIN | 34.1 | 35.1 | 34.4 | 4-01 | 225-250 | 0.8 | 35 |
| TURNING BASIN | 33.4 | 34.1 | 31.6 | 4-01 | 225-975 | 0.3 | 35 |
| A. SEE CHARTED SOUNDINGS. | | | | | | | |

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18661 (Side B)

NM 23/02

| SAI TABULATED FROM S | | | | P WATER CHANNEL NEERS - SURVEYS T | O DEC 2001 | | |
|--------------------------------|----------------------------|------------------------------|-----------------------------|--------------------------------------|-----------------|----------------------------|-------------------------|
| CONTROLLING DEPTHS FROM SEAWAR | D IN FEET AT | MEAN LO | WER LOW | WATER (MLLW) | PROJE | CT DIMEN | ISIONS |
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| ANTIOCH TO LIGHT 17 | 32.3 | 33.3 | 32.3 | 4-01 | 400 | 3.3 | 35 |
| LIGHT 17 TO LIGHT 43 | A | Α | Α | | | | |
| LIGHT 43 TO LIGHT 51 | 31.8 | 32.5 | 33.5 | 4-01 | 600 | 1.5 | 35 |
| LIGHT 51 TO LIGHT 2 | A | Α | Α | | | | |
| LIGHT 2 TO LIGHT 6 | 34.8 | 35.9 | 35.9 | 4-01 | 225 | 1.5 | 35 |
| THENCE TO LIGHT 16 | 33.9 | 35.2 | 33.9 | 4-01 | 225-250 | 2.8 | 35 |
| THENCE TO LIGHT 24 | 31.0 | 34.1 | 29.2 | 4,12-01 | 225-250 | 2.1 | 35 |
| THENCE TO LIGHT 34 | 32.5 | 35.4 | 33.6 | 12-01 | 250 | 1.5 | 35 |
| THENCE TO LIGHT 43 | 31.0 | 34.3 | 32.0 | 4,12-01 | 200-250 | 3.4 | 35 |
| THENCE TO LIGHT 48 | 33.9 | 34.9 | 31.4 | 4-01 | 225-250 | 1.1 | 35 |
| THENCE TO TURNING BASIN | 34.1 | 35.1 | 34.4 | 4-01 | 225-250 | 8.0 | 35 |
| TURNING BASIN | 33.4 | 34.1 | 31.6 | 4-01 | 225-975 | 0.3 | 35 |

Chart 18663 NM 23/02

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

| TABULATED FROM | SURVEYS BY T | HE CORPS | OF ENGIN | NEERS - SURVEYS TO | D DEC 2001 | | |
|-------------------------------|----------------------------|------------------------------|-----------------------------|--------------------|-----------------|----------------------------|-------------------------|
| CONTROLLING DEPTHS FROM SEAWA | ARD IN FEET A | T MEAN LO | WER LOW | WATER (MLLW) | PROJI | ECT DIMEN | ISIONS |
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| LIGHT 2 (CHART 18661) | | | | | | | |
| TO LIGHT 6 | 34.8 | 35.9 | 35.9 | 4-01 | 225 | 1.5 | 35 |
| THENCE TO LIGHT 16 | 33.9 | 35.2 | 33.9 | 4-01 | 225-250 | 2.8 | 35 |
| THENCE TO LIGHT 24 | 31.0 | 34.1 | 29.2 | 4,12-01 | 225-250 | 2.1 | 35 |
| THENCE TO LIGHT 34 | 32.5 | 35.4 | 33.6 | 12-01 | 250 | 1.5 | 35 |
| THENCE TO LIGHT 43 | 31.0 | 34.3 | 32.0 | 4,12-01 | 200-250 | 3.4 | 35 |
| THENCE TO LIGHT 48 | 33.9 | 34.9 | 31.4 | 4-01 | 225-250 | 1.1 | 35 |
| THENCE TO TURNING BASIN | 34.1 | 35.1 | 34.4 | 4-01 | 225-250 | 0.8 | 35 |
| TURNING BASIN | 33.4 | 34.1 | 31.6 | 4-01 | 225-975 | 0.3 | 35 |

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION